

IECDB IOWAccess Projects
ITE Level of Effort Estimation for PFD
Presented to IOWAccess Advisory Council
November 9, 2005

Personal Financial Disclosure (PFD) was allocated \$12,000 for the Planning phase of the project using the new methodology and that work has been completed. The following is a summarization of the level of effort (LOE) estimates generated as a result of the Planning phase of the project.

PROJECT OBJECTIVES

The primary objectives of this project are to provide:

- A systems that will allow the public and community users to file required financial statements online and electronically
- A system that allows the community of users to access the system without a secured login (self-registration process) during their filing process
- A system that will provide an interface with a secured administrative function for IECDB staff to upload and monitor public submittals, handle delinquent filings, assign penalties, amend and update public filings, and delete such filings if necessary
- The system needs to generate reports of all the filings and make them available to public for on-line viewing and on-demand reporting

PROJECT BUDGET

The Execution phase of the project includes code development, testing, project management, training and costs associated with deployment of the application in accordance with the customer's requirements are estimated to be \$75,000

SUMMARY OF ACTIVITIES

Following displays the development and support estimates (in hours) associated with the project.

Total development time 432 hrs

This anticipates 27 screens to be implemented. It is assumed that the average time to implement a screen is 16 hours.

Support Activities 453 hrs

These tasks include estimated efforts for project management, testing (unit/system/UAT support), meetings and

administrative tasks, and deployment tasks and support.

DAS ITE PROJECT ESTIMATION PROCESS

Following are the considerations used by ITE in estimating the level of effort necessary to implement a system that meets the requirements established by the customer.

- Skill level of analyst and/or programmer assigned to development and deployment tasks
- Complexity of system and application's architecture and environment
- Number of screens associated with proposed system
- Complexity of screens (function points associated with screen)
- Database and relationships between data elements
- Reports number
- Complexity of reports
- Level of future maintenance
- Historical metrics associated with similar projects